

(19) World Intellectual Property Organization International Bureau



07 DEC 2004

(43) International Publication Date  
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number  
**WO 2003/103550 A3**

(51) International Patent Classification<sup>7</sup>: **A61F 13/02**,  
13/00, A61L 15/00

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GH, GM,  
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,  
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,  
MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,  
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,  
VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:  
**PCT/GB2003/002443**

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(22) International Filing Date: 6 June 2003 (06.06.2003)

**Published:**

— with international search report

(25) Filing Language: English

(88) Date of publication of the international search report:  
26 February 2004

(26) Publication Language: English

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(30) Priority Data:

0213245.4 8 June 2002 (08.06.2002) GB  
0220276.0 2 September 2002 (02.09.2002) GB

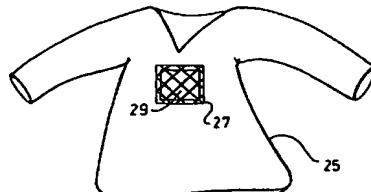
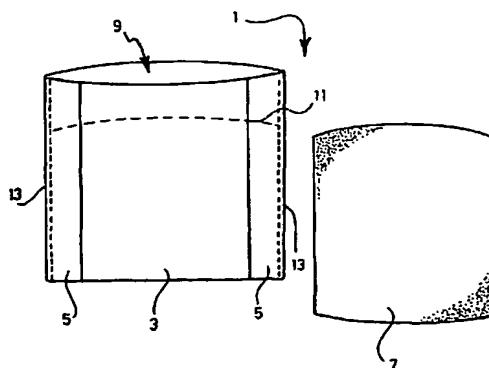
(71) Applicant and

(72) Inventor: THOMSON, Ian, Robert [GB/GB]; 41 Mar-  
chioness Way, St Neots PE19 8DL (GB).

(74) Agent: BARKER BRETELL; St. John's Innovation  
Centre, Cowley Road, Cambridge CB4 0WS (GB).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

(54) Title: DELIVERY SYSTEM FOR A MEDICAMENT OR WELL-BEING ENHANCING COMPOSITION



**WO 2003/103550 A3**

(57) Abstract: A delivery system (1) for a medicament or well-being enhancing composition, comprising a flexible member (3), means (5) for attaching the flexible member (3) to fabric to form a pocket and an absorbent pad (7) for impregnation with the medicament or well-being enhancing composition arranged such that when the flexible member (3) is attached to a piece of fabric a pocket is formed shaped and sized such the pad may be received and held securely within the pocket but is removable therefrom. The fabric is typically part of a garment (25) or bed-linen.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB 03/02443

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61F13/02 A61F15/00 A61L15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61F A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94 19043 A (BOOTS CO PLC ;THEOBALD NIGEL COLIN (GB)) 1 September 1994 (1994-09-01) page 1, line 2 -page 2, line 8 page 3, line 11 - line 15 page 3, line 30 - line 32 page 4, line 10 -page 5, line 4 the whole document	1,3,6-8, 12
Y	US 4 161 283 A (HYMAN SY) 17 July 1979 (1979-07-17) column 1, line 6 - line 9 column 2, line 55 -column 3, line 6	1,3,6,8, 10
Y	---	1,3,6,8, 10
	---	-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

24 November 2003

03/12/2003

Name and mailing address of the ISA

Authorized officer

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax: (+31-70) 340-3016

Settele, U

## INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/02443

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 03 000162 A (PROCTER & GAMBLE) 3 January 2003 (2003-01-03) page 4, line 22 - line 27 page 7, line 24 - line 25 page 8, line 2 - line 5 page 11, line 20 -page 12, line 7 page 12, line 25 - line 27 ---	1,3,6,8
A	US 6 250 829 B1 (FITZSIMONS THOMAS R ET AL) 26 June 2001 (2001-06-26) the whole document ---	1-12
A	US 6 156 323 A (VERDICCHIO ROBERT J ET AL) 5 December 2000 (2000-12-05) the whole document ---	1-12
A	FR 2 605 215 A (OERTER DETLEF) 22 April 1988 (1988-04-22) the whole document -----	1-12

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No	PCT/GB 03/02443
------------------------------	-----------------

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9419043	A	01-09-1994	AU WO ZA	6204894 A 9419043 A1 9401194 A		14-09-1994 01-09-1994 21-09-1994
US 4161283	A	17-07-1979	US	4285468 A		25-08-1981
WO 03000162	A	03-01-2003	US WO	2002022427 A1 03000162 A1		21-02-2002 03-01-2003
US 6250829	B1	26-06-2001		NONE		
US 6156323	A	05-12-2000	AU WO ZA	6046396 A 9641623 A2 9604873 A		09-01-1997 27-12-1996 08-12-1997
FR 2605215	A	22-04-1988	DE FR IT	8627771 U1 2605215 A1 212017 Z2		04-12-1986 22-04-1988 25-05-1989